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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/890,273	08/09/2001	Makoto Nojima	042203	3277

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EXAMINER

SURYAWANSHI, SURESH

ART UNIT	PAPER NUMBER
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2115

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06/25/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	09/890,273	NOJIMA, MAKOTO	
	Examiner	Art Unit	
	Suresh K. Suryawanshi	2115	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 09 August 2001.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-14 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

1. Claims 1-14 are presented for examination.

Claim Objections

2. Claims 7-8 and 14 are objected to because of the following informalities: need to follow the guidelines of proper amendments. Please see examples of proper amendments in MPEP 1453 V. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Jacobs et al (US Patent 6,006,285; hereinafter Jacobs).

5. As per claim 1, Jacobs discloses a multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits [Fig. 1; col. 3, lines 19-28; a CPU], a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a switch for instructing a command generation for said reproducer [Fig. 5; col. 6, lines 4-26; CD buttons], an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer [Fig. 1; col. 3, lines 56-58; an audio chip and a set of speakers], and a controller receiving a signal representing the active state of said CPU and a signal representing the operating state of said switch for carrying out supply control of driving power to said reproducer and said output circuit and output control of a command to said reproducer on the basis of the two signals [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

6. As per claim 2, Jacobs discloses a multimedia electronic device, comprising a CPU capable of controlling each of circuits [Fig. 1; col. 3, lines 19-28; a CPU], a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a switch for instructing a command generation for said reproducer [Fig. 5; col. 6, lines 4-26; CD buttons], an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer [Fig. 1; col. 3, lines 56-58; an audio chip and a set of speakers], a controller receiving a signal

representing the active state of said CPU and a signal representing the operating state of said switch for feeding a power supply control signal and outputting a command to said reproducer on the basis of the two signals [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)], and a power supply circuit receiving said power supply control signal and the signal representing the active state of said CPU for supplying said reproducer and said output circuit with driving power when at least one of both the signals is active [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

7. As per claim 3, Jacobs discloses a multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits [Fig. 1; col. 3, lines 19-28; a CPU], a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a switch for instructing a command generation for said reproducer [Fig. 5; col. 6, lines 4-26; CD buttons], an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer [Fig. 1; col. 3, lines 56-58; an audio chip and a set of speakers], a controller receiving a signal representing the active state of said CPU, a signal representing the operating state of said switch, and a signal representing the reproduction output state of said reproducer for carrying out supply control of driving power to said reproducer and said output circuit on the basis of the

three signals [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

8. As per claim 4, Jacobs discloses a multimedia electronic device, characterized by comprising a CPU capable of controlling each of circuits [Fig. 1; col. 3, lines 19-28; a CPU], a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a switch for instructing a command generation for said reproducer [Fig. 5; col. 6, lines 4-26; CD buttons], an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer [Fig. 1; col. 3, lines 56-58; an audio chip and a set of speakers], a controller receiving a signal representing the active state of said CPU, a signal representing the operating state of said switch, and a signal representing the reproduction output state of said reproducer for feeding a power supply control signal on the basis of the three signals [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)], and a power supply circuit receiving said power supply control signal and a signal representing the active state of said CPU for supplying said reproducer and said output circuit with driving power when at least one of both the signals is active [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

9. As per claim 9, Jacobs discloses a multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a switch for instructing a command generation for said reproducer [Fig. 5; col. 6, lines 4-26; CD buttons], an output circuit capable of outputting at least an audio signal on the basis of information read out of said reproducer [Fig. 1; col. 3, lines 56-58; an audio chip and a set of speakers], a monitoring circuit for monitoring the reproduction output state of said reproducer [col. 6, lines 4-26; monitoring previous and next tracks], and a controller receiving a signal representing the operating state of said switch and a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer and said output circuit on the basis of the two signals [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

10. As per claim 10, Jacobs discloses a multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a switch for instructing a command generation for said reproducer [Fig. 5; col. 6, lines 4-26; CD buttons], an output circuit capable of outputting at least an audio signal on the basis of the information read out of said reproducer [Fig. 1; col. 3, lines 56-58; an audio chip and a set of speakers], a

monitoring circuit for monitoring the reproduction output state of said reproducer [col. 6, lines 4-26; monitoring previous and next tracks], and a controller receiving a signal representing the operating state of said switch and a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer, said output circuit, and said monitoring circuit on the basis of the two signals [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

11. As per claim 11, Jacobs discloses a multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines 39-41; a CD-ROM drive reads out information from a storage medium (CD)], a monitoring circuit for monitoring the reproduction output state of said reproducer [col. 6, lines 4-26; monitoring previous and next tracks], and a controller receiving a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer on the basis of the signal [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

12. As per claim 12, Jacobs discloses a multimedia electronic device, characterized by comprising a reproducer for reading out information from a storage medium [Fig. 1; col. 3, lines

39-41; a CD-ROM drive reads out information from a storage medium (CD)], a monitoring circuit for monitoring the reproduction output state of said reproducer [col. 6, lines 4-26; monitoring previous and next tracks], and a controller receiving a signal outputted by said monitoring circuit for controlling the supply of driving power to said reproducer and said monitoring circuit on the basis of the signal [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

13. As per claim 5, Jacobs discloses that a signal representing the reproduction output state of said reproducer is outputted by a monitoring circuit comprising a detection circuit for detecting a reproduction output and a timer for outputting a signal indicating that a predetermined time period has elapsed since the reproduction output was not detected [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12].

14. As per claim 6, Jacobs discloses that the supply of the driving power of said monitoring circuit is controlled by said controller [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12; clearly the system is capable of supplying power to CD-ROM drive in either modes of operation (PC mode or audio mode)].

15. As per claim 7, Jacobs discloses that said CPU is so constructed that it can output a command to said reproducer on the basis of application software operating on an OS [col. 6, line 4 -- col. 9, line 12;].

16. As per claim 8, Jacobs discloses that said controller electrically switches said CPU and the reproducer when said CPU is inactive [col. 1, lines 30-64; col. 5, lines 17-21; col. 6, line 4 -- col. 9, line 12].

17. As per claim 13, Jacobs discloses that said controller stops the supply of the driving power to a predetermined circuit when said monitoring circuit detects that a reproduction output of said reproducer does not exist in a predetermined time period [col. 8, lines 46-57; exiting the audio CD mode].

18. As per claim 14, Jacobs discloses that said reproducer is a CD-ROM drive [col. 1, lines 24-64; a CD-ROM drive].

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suresh K. Suryawanshi whose telephone number is 571-272-3668. The examiner can normally be reached on 9:00am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas C. Lee can be reached on 571-272-3667. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Suresh K Suryawanshi